

LUCAS® 3, v3.1 Chest Compression System

16,830

Guidelines-consistent compressions administered during a successful 2 hour 45 minute resuscitation¹

30,000

devices deployed globally²

102-111-120

LUCAS delivers Guidelines-consistent rates, now configurable* to 102-111-120 per minute, without sacrificing compression depth

7 seconds

median interruption when transitioning from manual to LUCAS compressions during routine BLS/ALS use³

30-40%

of patients who achieve ROSC will re-arrest prior to hospital arrival^{4,5}

60%

CPR causes back pain in more than 60% of ambulance officers⁶

6.5X

unrestrained occupants are 6.5 times more likely to be severely injured and 3.8 times more likely to be killed⁷

By the numbers

+60%

increased blood flow to the brain vs. manual CPR⁸

21%

increase of mean average EtCO₂ compared to manual CPR⁹

>99%

of survivors had good neurological outcomes in large randomised LINC trial¹⁰



“With LUCAS we know that if we do everything right the patient can survive”

– Steve Hagstrom
Paramedic and Clinical Educator | Allina Health EMS¹¹

*With LUCAS 3, v3.1

References

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Emergency Care

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